

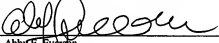
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Varner  
Serial No.: 10/573,944  
Filed: 04/23/2007  
Entitled: **METHODS FOR ALTERING HEMATOPOIETIC PROGENITOR  
CELL ADHESION, DIFFERENTIATION, AND MIGRATION**

Group No.: 1644  
Examiner: Michail A. Belyavskyi

**RESPONSE TO AUGUST 25, 2009  
OFFICE ACTION**

Mail Box AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF ELECTRONIC FILING	
I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Patent and Trademark Office, via EFS.	
Dated: <u>November 16, 2009</u>	By: <u></u> Abby E. Evenson

Examiner Belyavskyi:

This is responsive to the above-referenced Office Action, and is timely filed within the 3-month shortened statutory period ending after November 25, 2009. Accordingly, a request and fee for an extension of time are not enclosed.

Applicant respectfully requests entry of this response.

Amendments to the claims begin on page 2.

Remarks begin on page 6.